

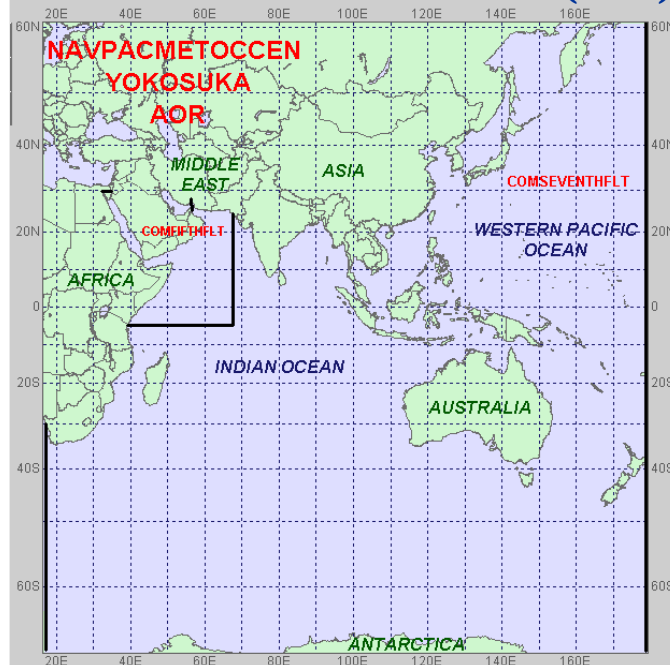
NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER Yokosuka, Japan



MISSION:

To provide cutting edge Meteorology and Oceanography (METOC) services and support to the forward deployed fleet and local commanders, and deploying mobile METOC teams for onscene mission support throughout the Western Pacific and Indian Oceans.

AREA OF RESPONSIBILITY (AOR)



WESTERN PACIFIC DATA AVAILABLE ONLINE AT:

NIPRNET

<https://www.yoko.npmoc.navy.mil>

SIPRNET

<http://www.yoko.npmoc.navy.smil.mil>

GALE WARNING AREAS

- For sustained wind 34-49 knots

STORM WARNING AREAS

- For sustained wind 50 knots or higher

HIGH SEAS WARNING AREAS

- For seas 12 feet and greater

OPTIMUM TRACK SHIP ROUTING (OTSR) - Maintains a continuous watch on all ships within the AOR, with SAFETY of all units coming first.

OTSR SERVICES

- Planning routes/route surveillance
- Weather advisories
- Divert recommendations
- Storm evasion
- Sortie recommendations
- Current and long range weather

WEAX

Tailored enroute ship weather forecasts

OTSR Advisory

Warning of pending adverse weather

OTSR Divert

Recommendation to change course/altitude to avoid potentially damaging weather conditions

OTSR Route Recommendation

Save time and fuel by avoiding climatologically adverse weather conditions

OTSR Sortie Recommendation

Depart port to avoid destructive weather

Contact Information

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Internet Relay Chat (IRC)
via SIPRNET:
Server: <http://198.97.106.240>
Channel: #NPMOC_YOKO

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TYPHOON WARNINGS AND GRAPHIC
<https://www.npmoc.navy.mil/jtwc.html>

TROPICAL DISTURBANCE

- Maximum sustained winds less than 34 kts

TROPICAL STORM

- Maximum sustained winds 34-63 knots

TYPHOON

- Maximum sustained winds 64 knots or greater

CONDITIONS OF READINESS

COR IV - Destructive winds are possible
within **72** hours.

COR III - Destructive winds are possible
within **48** hours.

COR II - Destructive winds are anticipated
within **24** hours.

COR I - Destructive winds are anticipated
within **12** hours or are presently occurring

TCCOR Caution - winds of 34-49 knots are
occurring.

TCCOR Emergency - winds of 50 knots or
greater are occurring.

FLEET LIAISON PROGRAM

- Ship visits
- Direct fleet support
- Staff level planning
- Heighten awareness of environmental, tactical and ship routing products
- Improve services through timely feedback
- Conduct CART II METOC assessments
- Provide METOC training

MOBILE ENVIRONMENTAL TEAM

- Onscene METOC support
- Support for all warfare areas
- Portable equipment/Tactical Decision

WARFARE SUPPORT

- AW: Electromagnetic (AREPS)
- USW: Acoustic (PCIMAT)

REQUESTING MET SUPPORT

- Submit via naval message
- Coordinate with BG Staff/METOC
- Direct telephone liaison
- Letter of Acceptance/Intent issued

PRE SAIL BRIEFINGS

- Scheduled upon request
- Satellite imagery/Sea height analysis
- Tokyo Bay/OPAREA forecast
- 24 to 72 hour weather forecasts
- Kuroshio/North Wall analysis

TRAINING OPPORTUNITIES

WEATHER OBSERVING

- Fleet Quartermasters (QM)
- Embarked MET underway

BT ENCODING

- Fleet Sonar Technicians (ST)

TYPHOON EVASION

- Bridge watchstanders (OOD)

PRE-DEPLOYMENT

- Climatology/Tailored presentation